

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/CA2004/001940

## A. CLASSIFICATION OF SUBJECT MATTER

A61L-27/28, A61L-27/54, A61P-35/00 A61P-31/00 A61P-31/12 A61F-2/01 A61L-27/38 A61K-35/14 A61F-2/02 A61L-27/34

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC<sup>7</sup>: A61L, A61F, A61P-35/00 A61P-31/00 A61P-31/12

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base, and, where practicable, search terms used)  
Delphion, USPTO, Canadian Patent Database and PubMed

Keywords: implant, prosthesis\* and similar terms; chemokine, agonist, bacteria toxin and similar terms; attract\*, chemoattract\*, bind\* and similar terms; local\*, concentrat\*; therap\*, chemotherap\*, treat\* and similar terms; vascular, vessel, fluid and similar terms; cell

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4,732,155 (Zetter, B. R. et al.) 22 March 1988 (22.03.1988) entire document	1-3, 6, 8-10, 13-15, 34-36, 45 and 46
Y		11, 12, 17-21, 26-31, 38, 40, 42-44, 47-49, 51, 52, 54 and 55
P, X	US 2004/0191246 A1 (Connelly, P. R. et al.) 30 September 2004 (30.09.2004) entire document	1-3, 6, 8-10, 13, 17-20, 30, 34-36, 38, 43 and 45-49
Y	CA 2,178,541 (Fearnot, N. E. et al.) 08 December 1996 (08.12.1996) Abstract, Claims, pages 4-10	17-21, 30, 31, 38, 43, 47-49 and 51
Y	WO 03/061718 (Shepard, D. C. et al.) 31 July 2003 (31.07.2003) Abstract, Claims, pages 2-4 and page 8 par. [0042]	17, 18, 38 and 47-49

Further documents are listed in the continuation of Box C.

Patent family members are listed in annex. [X]

<p>Special categories of cited documents:</p> <p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier application or patent but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p>	<p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>"&amp;" document member of the same patent family</p>
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Date of the actual completion of the international-type search  
18 January 2005 (18-01-2005)

Date of mailing of the international-type search report  
08 March 2005 (08-03-2005)

Name and mailing address of the ISA  
Commissioner of Patents  
Canadian Patent Office - PCT

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PCT/CA2004/001940

## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 03/022360 (Handy, E. S. et al.) 20 March 2003 (20.03.2003) Abstract, pages 5-6, page 8 (lines 1-18), page 23 (lines 11-24), page 28 (lines 22-30), Examples and Figure 8	11, 12, 17, 28-30, 38, 40, 42-44, 47-49, 52 and 54
Y	CA 2,434,320 (Vicari, A. P. et al.) 01 August 2002 (01.08.2002) Abstract, Claims, pages 5-6, page 7 (lines 30-37), page 8 (lines 20-25), page 9 (line 6) - page 10 (line 7) and page 10 (lines 30-37)	17, 26, 27, 38, 40 and 47- 49
Y	US 6,366,808 B1 (Schroeppel, E. A. et al.) 02 April 2002 (02.04.2002) Abstract, col. 1 (lines 27-40), col. 9 (lines 50-65), col. 12 (lines 31-46) and Figures 10 and 12	17, 38, 47-49, 52 and 55
A	US 2002/0131953 A1 (Takashima, A. et al.) 19 September 2002 (19.09.2002)	1-55
A	WO 00/59422 (Carroll, R. G.) 12 October 2000 (12.10.2000)	1-55
A	el-Sawy, T. et al. "Chemokines: directing leukocyte infiltration into allografts" Current Opinion in Immunology 2002, 14, 562-568	1-55

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Information on patent family members

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Patent Document Cited in Search Report	Publication Date	Patent Family Member(s)	Publication Date
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